

Product Name: CD3 Mouse Monoclonal Antibody**Catalog #: AMM80524**

For research use only.

Summary

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|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | ICC,ELISA |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | Mouse IgG2a |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in PBS with 0.05% sodium azide |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|---------------------------------------|
| Dilution Ratio | ICC 1:200-1:1000,ELISA 1:5000-1:20000 |
| Molecular Weight | / |

Antigen Information

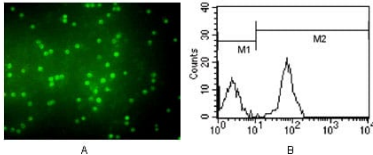
| | |
|--------------------------|--|
| Gene Name | CD3 |
| Alternative Names | T3Z; CD3H; CD3Q; CD3Z; TCRZ; CD3-ZETA; CD247 |
| Gene ID | 919.0 |
| SwissProt ID | P20963 |
| Immunogen | Purified recombinant fragment of human CD3 expressed in E. Coli. |

Background

CD3 is a component of T cell surface receptor (TCR), it contains 5 invariable chains: gamma-, delta-, epsilon-, and zeta/eta. Clevers et al. (1988) showed the TCR/CD3 complex consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits, CD3 is responsible for the signal transduction of the TCR.

Research Area

Image Data



Immunofluorescence analysis of peripheral blood T cells using CD3 mouse mAb (A) and flow cytometric analysis of peripheral blood T cells using CD3 mouse mAb (B).